

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

SERIAL NO.

CHAIN=1B

09//402,820

APPLICANT: Daniel G. CHAIN

FILING DATE: October 12, 1999

GROUP: 1543

LIST OF DOCUMENTS CITED BY APPLICANT
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS (include at least patentee, patent number, and issue date)

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PAO	AA	5 4 4 1 8 7 0	15AU1995	Seubert et al			
PAO	AB	5 7 2 1 1 3 0	24FE1998	Seubert et al			

OTHER DOCUMENTS (include at least document number, publication date and country)

PAO	AC	Gravina et al, "Amyloid β Protein ($A\beta$) in Alzheimer's Disease Brain: Biochemical and Immunocytochemical Analysis with Antibodies Specific for Forms Ending at $A\beta$ 40 or $A\beta$ 42(43)", <u>J Biol Chem</u> 270(13):7013-7016 (1995)
PAO	AD	Harrington et al, "Characterisation of an epitope specific to the neuron-specific isoform of human enolase recognized by a monoclonal antibody raised against a synthetic peptide corresponding to the C-terminus of β /A4-protein", <u>Biochim Biophys Acta</u> 1158:120-127 (1993)
PAO	AE	Higgins et al, "Transgenic Mouse Brain Histopathology Resembles Early Alzheimer's Disease", <u>Ann Neurol</u> 35:598-607 (1994)
PAO	AF	Iwatsubo et al, "Visualization of $A\beta$ 42(43) and $A\beta$ 40 in Senile Plaques with End-Specific $A\beta$ Monoclonals: Evidence that an Initially Deposited species Is $A\beta$ 42(43)", <u>Neuron</u> 13:45-53 (1994)
PAO	AG	Iwatsubo et al, "Amyloid β Protein ($A\beta$) Deposition: $A\beta$ 42(43) Precedes $A\beta$ 40 in Down Syndrome", <u>Ann Neurol</u> 37:294-299 (1995)
PAO	AH	König et al, "Development and Characterization of a Monoclonal Antibody 369.2B Specific for the Carboxyl-Terminus of the β A4 Peptide", <u>Ann NY Acad Sci</u> 777:345-355 (1996)
PAO	AI	Mann et al, "The extent of amyloid deposition in brain in patients with Down's syndrome does not depend upon the apolipoprotein E genotype", <u>Neurosci Letters</u> 196(1-2):105-108 (1995)
PAO	AJ	Mann et al, "Predominant Deposition of Amyloid- β 42(43) in Plaques in Cases of Alzheimer's Disease and Hereditary Cerebral Hemorrhage Associated with Mutations in the Amyloid Precursor Protein Gene", <u>Am J Pathol</u> 148(4):1257-1265 (1996)
PAO	AK	Mann et al, "Amyloid beta protein (A β) deposition in chromosome 14-linked Alzheimer's disease: predominance of A β 42(43)", <u>Ann Neurol</u> 40(2):149-156 (1996)
PAO	AL	Murphy et al, "Development of a Monoclonal Antibody Specific for the COOH-Terminal of β -Amyloid 1-42 and Its Immunohistochemical Reactivity in Alzheimer's Disease and Related Disorders", <u>Am J Pathol</u> 144(5):1082-1088 (1994)
PAO	AM	Nakamura et al, "Carboxyl end-specific monoclonal antibodies to amyloid beta protein (A β) subtypes (A β 40 and A β 42(43)) differentiate A β in senile plaques and amyloid angiopathy in brains of aged cynomolgus monkeys", <u>Neurosci Letters</u> 201(2):151-154 (1996)
PAO	AN	Saido et al, "Spatial Resolution of Fodrin Proteolysis in Postischemic Brain", <u>J Biol Chem</u> 268(33):25239-25243 (1993)
PAO	AO	Suzuki et al, "High Tissue Content of Soluble β 1-40 is Linked to Cerebral Amyloid Angiopathy", <u>Am J Pathol</u> 145(2):452-460 (1994)
PAO	AP	Tamaoka et al, "Amyloid β protein 1-42/43 ($A\beta$ 1-42/43) in cerebral diffuse plaques: enzyme-linked immunosorbent assay and immunocytochemical study", <u>Brain Res</u> 679:151-156 (1995)

EXAMINER

PATRICIA A. DUFFY

DATE CONSIDERED

May 16, 01

EXAMINER: Initial if reference considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FOREIGN PATENT DOCUMENTS (include at least document number, publication date and country)

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AQ

Tsuzuki et al, "Amyloid beta protein in rat soleus muscle in chloroquine-induced myopathy using end-specific antibodies for A beta 40 and A beta 42: immunohistochemical evidence for amyloid beta protein", Neurosci Letters 202(1-2):77-80 (1995)

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Turner et al, "Mayloids β_{40} and β_{42} Are Generated Intracellularly in Cultured Human Neurons and Their Secretion Increases with Maturation", J Biol Chem 271(15):8966-8970 (1996)

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Yanagisawa et al, "Fractionation of Amyloid β -Protein ($A\beta$) in Alzheimer's Disease and Down's Syndrome Brains: Presence of Membrane-Bound $A\beta$ ", Ann NY Acad Sci 786:184-194 (1996)RECEIVED
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